

IN THE CLAIMS:

Claims 1 - 16 (Canceled)

17. (Previously Presented) A satellite digital audio radio multipoint distribution system comprising:

a satellite antenna for receiving a satellite digital audio radio signal;

a terrestrial repeater connected to said antenna for decoding said satellite signal and recoding said signal into an intermediate frequency (IF) satellite radio terrestrial broadcast format signal;

a system for distributing said recoded IF signal, and

plural satellite digital audio radio service receivers adapted to receive said recoded IF signal from said distributing system and provide an audio or visual output signal in response thereto.

18. (Original) The invention of Claim 17 wherein said format is an XM radio format.

19. (Original) The invention of Claim 18 wherein said format is multi-carrier modulation.

20. (Previously Presented) The invention of Claim 19 wherein said recoded signal is an XM radio terrestrial intermediate frequency multi-carrier modulated signal.

21. (Original) The invention of Claim 17 wherein each of said plural receivers includes a respective user interface to allow for channel selection and audio processing.

22. (Previously Presented) The invention of Claim 17 wherein each of said plural receivers includes a channel decoder integrated circuit adapted to receive said recoded signal and provide a digital bitstream output in response thereto.

23. (Original) The invention of Claim 22 wherein each of said plural receivers further includes a source decoder digital signal processor adapted to receive said digital bitstream and provide said output signal in response thereto.

24. (Original) The invention of Claim 17 wherein said distribution system is a cable distribution system.

25. (Original) The invention of Claim 17 wherein said distribution system is a wireless distribution system.

26. (Original) The invention of Claim 17 wherein said distribution system is a fiber-optic distribution system.

27. (Original) The invention of Claim 17 wherein said output signal is an audio output signal.

28. (Previously Presented) A method for distributing a satellite digital audio radio signal to multiple receivers including the steps of:

receiving a satellite digital audio radio signal and distributing a recoded signal in response thereto and

receiving said distributed recoded signal via plural receivers and providing plural output signals in response thereto.

29. (Previously Presented) A satellite digital audio radio multipoint distribution system comprising:

a satellite antenna for receiving a satellite digital audio radio signal;

a terrestrial repeater connected to said antenna for decoding said satellite signal and recoding said signal into an intermediate frequency (IF) satellite radio terrestrial broadcast format signal; and

a system for distributing said recoded IF signal.

30. (New) A distribution system comprising:

an antenna for receiving a radio signal;

a repeater connected to said antenna for decoding said signal and recoding said signal into an intermediate frequency (IF) format signal; and

a system for distributing said recoded IF signal.